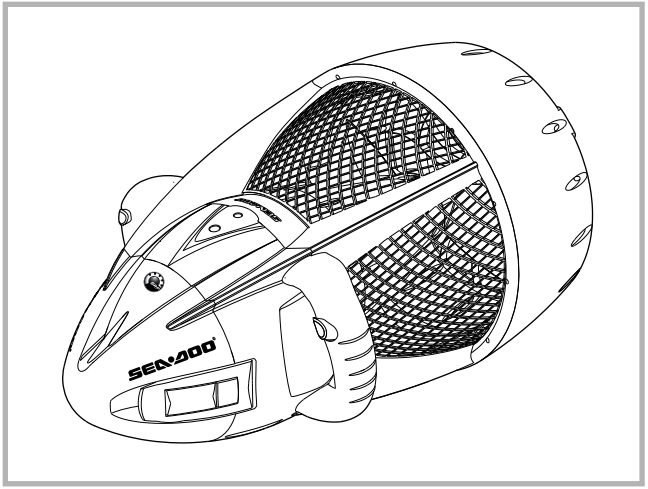
User Manual

SEA-DOO® SEASCOOTER™ DOLPHIN

Model no. ZS06



CAUTION
ELECTRICALLY OPERATED PRODUCT
Not recommended for children under 8 years of age. As with all electrical products, precautions should be observed during handling and used to reduce the risk of electric shock.

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Introduction

Thank you for having chosen the SEA-DOO® SEASCOOTER™ DOLPHIN.

The DOLPHIN adds a new dimension of fun and excitement to swimming and snorkelling.

Years of design and engineering have resulted in a water scooter that gives you power - up to 2 mph / 3.2 km/h speed for up to 60 minutes of use but at the same time is compact and light. The DOLPHIN weight just 12 lbs / 5.4 kg.

The DOLPHIN features various safety features making it safe for kids ages 8 and up. These are positive buoyancy, protective grilles, auto shut off when triggers are released and safety lock.

Please take a little time to study this manual to get the most out of your DOLPHIN.

Parts Diagram

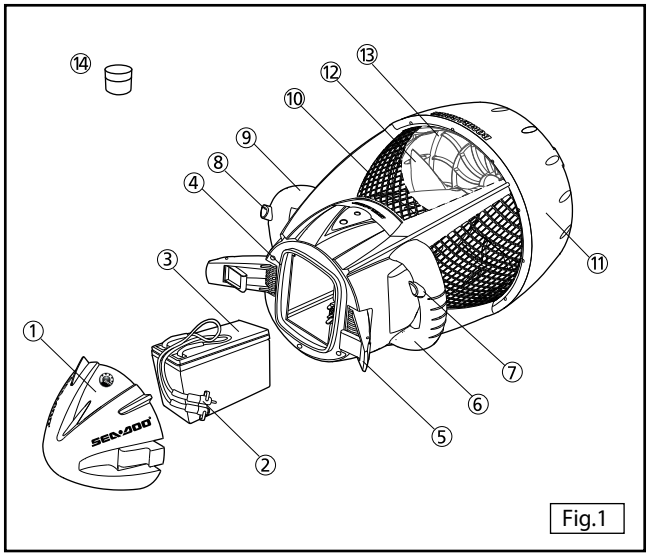

Fig.1

① Nose Cone
② Battery leads and Connector
③ 7Ah Battery
④ Seal
⑤ Latch
⑥ Handle
⑦ ⑧ Trigger
⑨ Safety Switch
⑩ Front Grille
⑪ Nozzle
⑫ Propeller
⑬ Rear Grille
⑭ Silicone Gel

⚠ WARNING

- Not to be used by children under the age of eight (8) and must ONLY be used by children under adult supervision.
- Read the user manual carefully.
- Never stick body parts, clothing or other objects in the vicinity of the propeller.
- Do not wear loose or flowing clothing or equipment that could be drawn into the propeller.
- Particular care should be exercised when using the Seascooter™ near anybody with long hair. Users with long hair should tie it up or wear a swimming cap when using the Seascooter™.
- Always inspect the swimming area to ensure it is free of hazards or obstacles such as boats and swimmers before using the Seascooter™.
- Always charge the battery to its fullest before using the Seascooter™. Ensure sufficient battery charge to return to the shore.
- The Seascooter™ is not a personal flotation device - always wear a coast guard approved personal flotation device when using the Seascooter™.
- Do not use the Seascooter™ under the influence of alcohol or drugs.

Getting Started DOLPHIN

When you buy the SEA-DOO® SEASCOOTER™ DOLPHIN the battery is disconnected and needs to be charged, follow the instructions on page 5, Battery Use, Charging the Battery, for charging and connection.

Using the SEASCOOTER™ for swimming and snorkeling.

To use the SEASCOOTER™ for swimming or snorkeling follow these instructions.

1. Charge the battery - see page 6 for instructions.
2. Place the SEA-DOO® SEASCOOTER™ DOLPHIN into the water.
3. When ready to set off, switch the Safety Lock to the On position shown in fig. 2a.
4. Pull and hold both Triggers to start the Propeller. (There is a short delay before the Propeller begins to rotate).
5. To stop the Propeller, simply release one or both trigger(s).
6. Always set the Safety Lock to the Off position when out of the water - see fig. 2b .

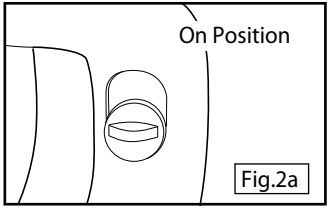

Fig.2a

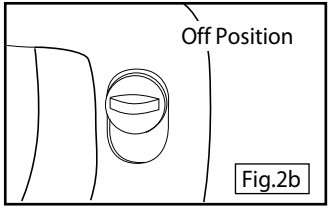

Fig.2b

Battery Use

CAUTION

- The Battery Housing should always be ventilated during charging to allow potentially explosive gasses to dissipate. Before removing/attaching any battery cables always allow two minutes for any gasses to dissipate.
- ALWAYS connect charger jack to the battery first and then plug the charger into the mains. When charging is complete, unplug the charger from the mains first and then from the battery.
- ALWAYS ensure the charger is DRY before plugging it into a live socket.
- NEVER place the battery in a sealed container when charging.
- Never charge battery near water.
- If in doubt of the state of the battery, recharge it until the indicator on the battery charger indicates a full charge.
- ALWAYS charge battery in a well-ventilated place where unit is out of reach of children.
- ALWAYS ensure the unit is dried thoroughly before opening the Nose Cone for charging or changing the battery.

Charging the battery

For battery charging follow these instructions.

1. Always ensure that the Safety Lock in the Off position is Off - see fig. 2b.

2. Always ensure that the SEA-DOO® SEASCOOTER™ DOLPHIN is out of the water and placed in a dry area.

3. Pull the latches down and remove the Nose Cone as shown in fig. 3.

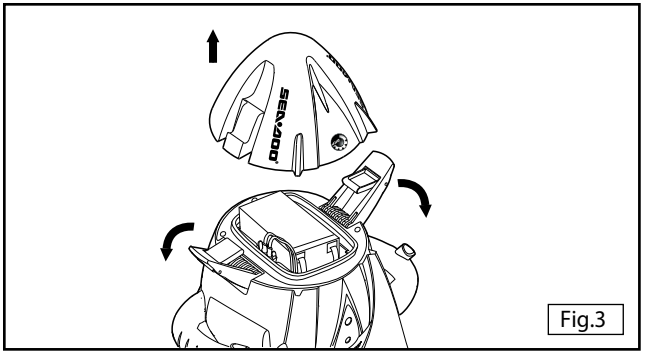

Fig.3

4. Allow two minutes for any gasses to dissipate.

5. Disconnect the battery cable from the housing cable (if not already disconnected - the cable will be disconnected when you buy your SEASCOOTER™) by pressing the locking feature, as shown in fig. 4.

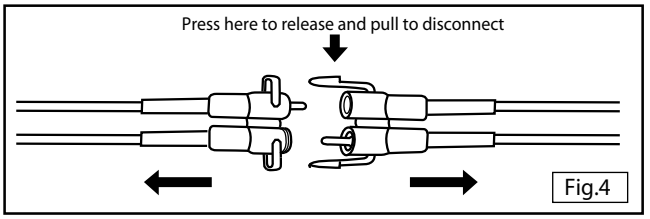

Fig.4

6. Connect the battery cable to the charger cable.

7. Plug charger into mains, and turn on the supply. Do not replace the Nose Cone.

8. Charging will take 13-14 hours for a fully discharged battery. When the battery is charging the red LED is lit remains on, when the battery is charged the green LED is lit.

9. Unplug the adapter from the mains.

10. Unplug the battery cable from the charger cable and reconnect to the housing cable.

11. Make sure the seal and sealing surfaces are clean and lubricated before replacing the Inner Nose Cone. See fig. 5.

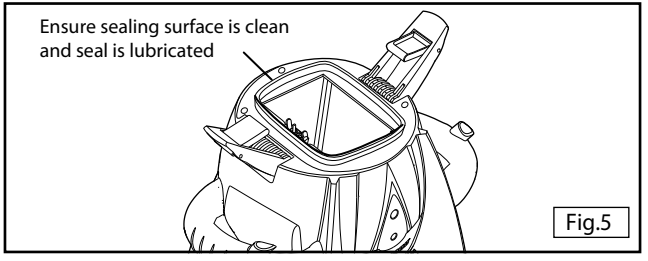

Fig.5

12. Replace the Nose Cone and close the latches

To replace a flat battery with a fully charged battery.

1. Follow the steps 1 to 4 on page 6, to open the SEASCOOTER™.

2. Unplug the battery at the socket by pressing the locking feature shown in fig. 4 on page 7.

3. Remove the flat battery.

4. Install and connect the charged battery in the correct position, see fig. 6.

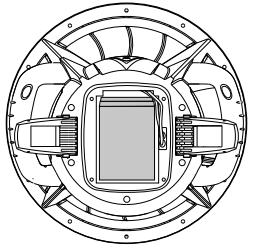

Fig.6

5. Follow steps 11 to 12 on page 7, to close the SEASCOOTER™.

Buying batteries

Additional batteries can be purchased separately. Contact your dealer to purchase them.

Care And Maintenance

Battery Care

- The battery should be recharged as soon as possible after use.

- If the unit is not used for extended periods, the battery should be removed from the unit and charged overnight, every three months.

- Only use the charger supplied with the SEASCOOTER™.

- Never place the battery in a sealed container when charging.

- Never short circuit the battery or battery cable.

- Never place/store the battery near a radiator/fire, etc.

- To store the battery, remove it from the SEASCOOTER™ or separate it from the charger, insulate the battery terminals and keep in a place that is dry and cool.

- Ambient temperature for storage should be within the range -20^{o}C to 40^{o}C (-4^{o}F to 104^{o}F).

Care after using the SEASCOOTER™

- Always rinse the SEASCOOTER™ in fresh water and allow it to dry before storage.

- Whenever possible rinse the SEASCOOTER™ in fresh water immediately after use.

- To clean the SEASCOOTER™ do not use detergents, only use a damp cloth to wipe the unit clean.

- The Battery Housing interior should be kept dry at all times.

- If the Battery Housing interior ever gets wet, see page 14, Accidental Flooding for steps to take.

- When storing the SEASCOOTER™ for extended periods of time, open and remove the Nose Cone.

- ALWAYS store your SEASCOOTER™ vertically when not in use to prevent deformation of the Propeller Nozzle.

Trouble Shooting

Unit does not function

If the motor does not start when both triggers are pressed, make sure:

1. The battery is properly connected

2. The battery is fully charged (see page 6, charging the battery)

3. The Safety Lock is in the "On" position (see fig 2a, page 4)

4. There is no water in the battery compartment (see page 14, accidental flooding)

Blocked Propeller

If the Propeller becomes blocked the Rear Grille and Propeller can be removed, to remove the obstacle.

Removing rear grille and Propeller to remove obstruction

1. Remove the SEASCOOTER™ from the water.

2. Make sure the Safety Lock is in the "Off" position.

3. Disconnect and remove the battery.

4. Unscrew the eight Rear Grille screws as shown in fig. 7 on page 12.

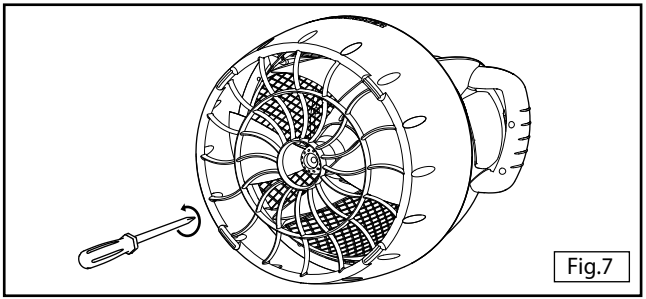
Fig.7

5. Whilst holding the Propeller, use an M6 socket to remove the nut from the Propeller shaft (See fig. 8).

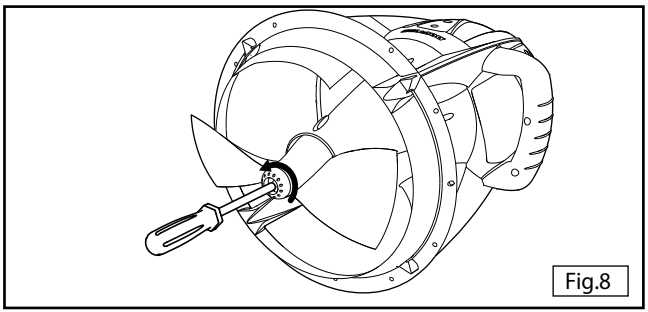
Fig.8

6. Slide the Propeller off the shaft, taking care not to loose the drive pin or washers.

7. Remove the blockage from the Propeller.

8. Replace the drive pin (if removed), see fig. 9, and Propeller. Turn the Propeller slowly until you locate the pin and push the Propeller fully on.

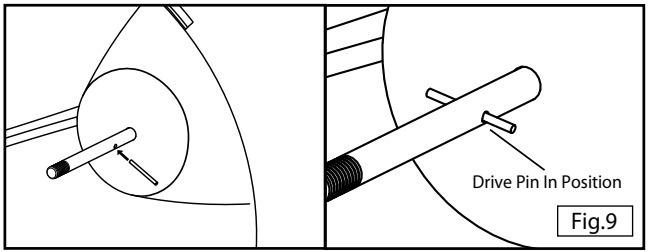

Fig.9

9. Replace the washer and nut and tighten with the socket whilst holding the Propeller making sure it is securely fastened (See fig. 10).

10. Replace the Rear Grille

11. Replace the battery and connect and replace the Nose Cone.

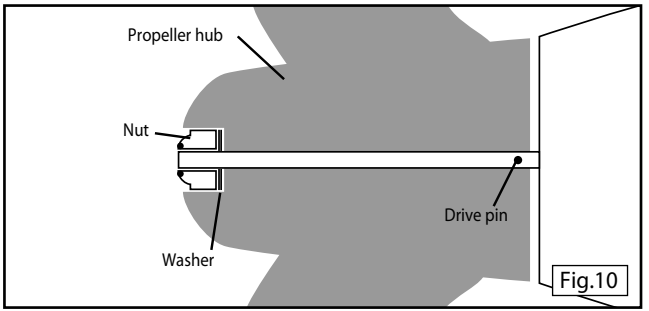

Fig.10

Sand or Grit on Seal

Sand or grit is the enemy of seals. Correct maintenance and care is essential. To remove sand or grit from the seal, rinse the seal in fresh water and apply fresh lubricant. If there is sand inside the Battery Housing, gently brush the sand from the unit taking care not to scratch the sealing surfaces.

SEASCOOTER™ cuts out

To protect the electronic circuit of your SEASCOOTER™ from damage a safety mechanism has been built in that cuts the power if a wall or rock or other immovable object is hit. If this occurs simply wait for a short period to allow the SEASCOOTER™ to reset itself and resume use.

Accidental Flooding

Be sure to keep the seal sand and grit free to ensure they keep water out and to close the latches fully after accessing the battery chamber. However, should the seal not be clean or the latches not fully closed and water enter the battery chamber, your SEASCOOTER will not be damaged as it is designed for protection against accidental flooding. If water enters the battery chamber.

1. Remove the unit from the water
2. Open the battery chamber, remove the battery, and if salt water has entered rinse it out with fresh water,
3. Dry the battery chamber and battery thoroughly and reassemble, ready for use.

Technical Specifications

Unit Dimensions	285 x 283 x 483 mm
Unit Weight	12 lbs (5.4 kg) (with rechargeable battery) 5.3 lbs (2.4 kg) (without rechargeable battery)
Battery Type	1 x 12v / 7.5Ah rechargeable battery
Battery Life	Approximately 1.5 hours
Depth rating	15ft/5m
Speed	Up to 2.0 mph (3.2km/h)